

IN THE CLAIMS:

Please amend the claims as follows.

Claim 1 (Currently Amended): An optical transmitting and receiving module comprising:

a light transmitting substrate[[,]] for transmitting light of a first wavelength, the light transmitting substrate having first and second main surfaces opposed to each other through the light transmitting substrate;

a laser diode, ~~set on~~ arranged in the first surface of the light transmitting substrate, for
~~and~~ emitting light of a second wavelength that differs from the first wavelength;

a photodiode, mounted on ~~a rear~~ the second surface side of the light transmitting substrate
~~surface on which the laser diode is disposed;~~

a dielectric film filter[[,]] for reflecting light of the first wavelength and transmitting light
of the second wavelength; [[and]]

a first lens for guiding the light emitted from the laser diode to the dielectric film filter,
the first lens set in a groove formed in the first main surface of the light transmitting substrate
and between the laser diode and the dielectric film filter;

an optical ~~input and output~~ input/output portion[[,]] for inputting light emitted from the
laser diode and for outputting light to the photodiode;

a second lens for guiding the light passing through the dielectric film filter and having the
second wavelength to the optical input/output portion, the second lens being set in a groove
formed in the first main surface of the light transmitting surface; and

a converging lens formed on the first main surface of the light transmitting substrate for
guiding light reflected from the dielectric film filter to a photodiode;

the dielectric film filter being set in an inclined groove, formed on the first surface of at a predetermined inclination angle in the light transmitting substrate with a predetermined inclination angle in the light transmitting substrate, so as to match optical paths between the photodiode and the optical ~~input and output~~ input/output portion and match optical paths between the laser diode and the optical ~~input and output~~ input/output portion.

Claim 2 (Original): The optical transmitting and receiving module according to Claim 1, wherein the light transmitting substrate is a silicon substrate.

Claim 3 (Original): The optical transmitting and receiving module according to Claim 1, wherein the inclined groove is formed by anisotropic etching.

Claim 4 (Currently Amended): The optical transmitting and receiving module according to Claim 1, wherein the photodiode is positioned directly below a line connecting the laser diode and the optical ~~input and output~~ input/output portion.

Claim 5 (Original): The optical transmitting and receiving module according to Claim 4, wherein a plurality of sets of the photodiode, the laser diode, and the dielectric film filter are disposed in array form.

Claims 6-7 (Canceled).

Claim 8 (Currently Amended): The optical transmitting and receiving module according to Claim [[7]] 1, wherein the converging lens is formed by ion beam etching.

Claim 9 (Currently Amended): The optical transmitting and receiving module according to Claim 1, wherein the optical ~~input and output~~ input/output portion is a front end portion of an optical fiber.

Claim 10 (Currently Amended): The optical transmitting and receiving module according to Claim 1, wherein the optical ~~input and output~~ input/output portion is a front end portion of an optical waveguide.